

10/552,015

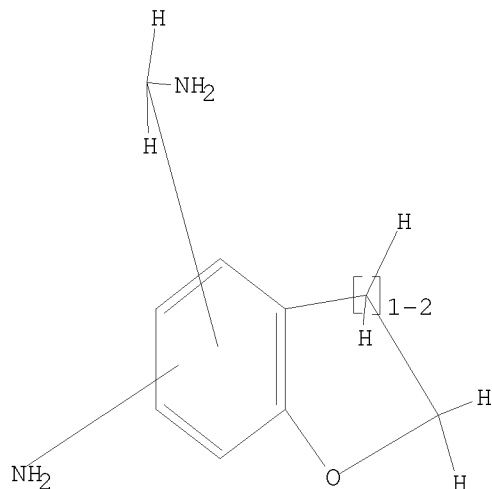
>
Uploading C:\Program Files\Stnexp\Queries\10552015a.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



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=> s l1 full

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FULL SCREEN SEARCH COMPLETED - 1564180 TO ITERATE

63.9% PROCESSED 1000000 ITERATIONS (1 INCOMPLETE) 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.05

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
 BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 1564180 TO 1564180
PROJECTED ANSWERS: 1 TO 4

L2 1 SEA SSS FUL L1

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L3 1 L2

=> d ibib abs hitstr

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2001:848926 CAPLUS

DOCUMENT NUMBER: 136:119162

TITLE: Preparation and characterization of a new solvent-free polymer electrolyte based on spiroketal structure

AUTHOR(S): Tsutsumi, Hiromori; Shirotani, Rumiko; Onimura, Kenjiro; Oishi, Tsutomu

CORPORATE SOURCE: Department of Applied Chemistry and Chemical Engineering, Faculty of Engineering, Yamaguchi University, Yamaguchi, 755-8611, Japan

SOURCE: Electrochemical and Solid-State Letters (2001), 4(12), A195-A196

CODEN: ESLEF6; ISSN: 1099-0062

PUBLISHER: Electrochemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Solvent-free solid polymer electrolytes based on spiropolymers were prepared and their properties were confirmed by conductance, differential scanning calorimetry, and X-ray diffraction measurements. The spiropolymer was synthesized from the bicyclic diketone and pentaerythritol. The spiro-polyketal (SP) dissolves lithium perchlorate and the conductivity of the (SP)1.5(LiClO4)1 complex is $4.24 \times 10^{-5} \text{ S cm}^{-1}$ at 30° and $3.83 \times 10^{-4} \text{ S cm}^{-1}$ at 60° .

IT 391671-11-7P

RL: POF (Polymer in formulation); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(preparation and characterization of a new solvent-free polymer electrolyte based on spiroketal structure)

RN 391671-11-7 CAPLUS

CN Poly(3''a,6''a-diethyltetrahydrodispiro[1,3-dioxane-5,5'-[1,3]dioxane-2',2''(1''H)-pentalene]-2,5''(3''H)-diylidene) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

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L4 1 391671-11-7/RN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 391671-11-7 REGISTRY
ED Entered STN: 12 Feb 2002
CN Poly(3''a,6''a-diethyltetrahydrodispiro[1,3-dioxane-5,5'-[1,3]dioxane-
2',2''(1''H)-pentalene]-2,5''(3''H)-diylidene) (9CI) (CA INDEX NAME)
MF (C18 H26 O4)n
CI PMS
PCT Double strand, Polyother
SR CA
LC STN Files: CA, CAPLUS

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.80

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FILE LAST UPDATED: 27 May 2008 (20080527/ED)

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L6 1 L5

=> d ibib abs hitstr

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